

Instructor Information

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Office Location: 3-0107 Science Building
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Course Information

Course Title: NU 682 Practicum in Primary Care of the Childbearing Family

Credits: 6

Method: Online

Course

Description: Students further refine skills in critical thinking and clinical reasoning. Assessment, diagnostic, therapeutic, and health teaching strategies are applied to a continuum of health promotion / illness problems of women, infants, and children. Seminars are grounded in learning the application of theory and research to the domains of practice of the family nurse practitioner with emphasis on the management of patient health and illness and the teaching coaching function of the nurse practitioner in the specialty of pediatrics and obstetrics. Students develop role competencies under the supervision of nurse practitioner preceptors and faculty in urban health care settings. Seminar discussions include an exploration of special topics in disease management to improve quality, access and cost of primary health care for diverse populations (or communities) with an emphasis on underserved populations, where diversity includes age, gender, race/ethnicity, culture, religion, language, sexual orientation, abilities, and socioeconomic status.

Context: NU682 serves as the Pediatric and Obstetrical seminar and practicum for the Family Nurse Practitioner Program.

Prerequisites: NU 638 Advanced Health Promotion: Practicum I, NU 634 Advanced Pharmacology

Course

Objectives: By fully participating in this course, you should be able to:

1. Synthesize advanced knowledge and skills required of the family nurse practitioner in providing episodic and comprehensive primary care to clients and families from a variety of cultural backgrounds.
2. Demonstrate advanced beginner level competence in completing comprehensive, episodic, or chronic illness oriented health histories and physical examinations of patients with common health problems/illnesses.
3. Design interdisciplinary patient management plans congruent with the professional standards, evidence based practice, and health care resources.
4. Evaluate client responses to therapeutic and pharmacological regimens, monitor and evaluate continuity of care, and participate to ensure quality health care practices.

Topical

Outline:

1. Childhood Immunizations: current schedules, barriers, vaccine safety and resources. Active and passive immunity

2. Developmental Management with a family focus in Pediatric Primary Care: Infants, preschoolers, school age, adolescent
3. Health Promotion in Pediatric Primary Care: Nutrition, breastfeeding, elimination, sleep
4. Family Assessment in Primary Care
5. Primary Care Health Management of children and child bearing women:
 - a. Laboratory and diagnostic testing
 - b. Therapeutic and pharmacological regimens
 - c. Family and community resources
 - d. Monitoring and evaluating client regimens
 - e. Counseling, health teaching, consultation, and referral
 - f. Clinical procedures in advanced practice: suturing
6. Leadership in advanced practice nursing: capstone projec

Core

Competencies:

The objectives for this course focus on the following core competencies:

1. Scientific Foundation Competencies
 - Critically analyzes data and evidence for improving advanced nursing practice.
 - Integrates knowledge from the humanities and sciences within the context of nursing science.
 - Translates research and other forms of knowledge to improve practice processes and outcomes.
 - Develops new practice approaches based on the integration of research, theory, and practice knowledge.
2. Leadership Competencies
 - Advocates for improved access, quality and cost effective health care.
 - Advances practice through the development and implementation of innovations incorporating principles of change.
 - Communicates practice knowledge effectively both orally and in writing.
3. Quality Competencies
 - Uses best available evidence to continuously improve quality of clinical practice.
 - Evaluates the relationships among access, cost, quality, and safety and their influence on health care.
4. Practice Inquiry Competencies
 - Provides leadership in the translation of new knowledge into practice.
 - Generates knowledge from clinical practice to improve practice and patient outcomes.
 - Applies clinical investigative skills to improve health outcomes. Leads practice inquiry, individually or in partnership with others.
 - Disseminates evidence from inquiry to diverse audiences using multiple modalities.
5. Technology and Information Literacy Competencies
 - Integrates appropriate technologies for knowledge management to improve health care.
 - Translates technical and scientific health information appropriate for various users' needs.
 - Assesses the patient's and caregiver's educational needs to provide effective, personalized health care.
 - Coaches the patient and caregiver for positive behavioral change.
 - Demonstrates information literacy skills in complex decision making.
 - Contributes to the design of clinical information systems that promote safe, quality and cost effective care.
6. Policy Competencies
 - Advocates for ethical policies that promote access, equity, quality, and cost.
7. Health Delivery System Competencies

- Effects health care change using broad based skills including negotiating, consensus-building, and partnering.
 - Minimizes risk to patients and providers at the individual and systems level.
8. Ethics Competencies
- Integrates ethical principles in decision making.
 - Evaluates the ethical consequences of decisions.
 - Applies ethically sound solutions to complex issues related to individuals, populations and systems of care.
9. Independent Practice Competencies
- Functions as a licensed independent practitioner.
 - Demonstrates the highest level of accountability for professional practice.
 - Practices independently managing previously diagnosed and undiagnosed patients.
 - Provides the full spectrum of health care services to include health promotion, disease prevention, health protection, anticipatory guidance, counseling, disease management, palliative, and end of life care.
 - Uses advanced health assessment skills to differentiate between normal, variations of normal and abnormal findings.
 - Employs screening and diagnostic strategies in the development of diagnoses.
 - Prescribes medications within scope of practice.
 - Manages the health/illness status of patients and families over time.
 - Provides patient-centered care recognizing cultural diversity and the patient or designee as a full partner in decision-making.
 - Works to establish a relationship with the patient characterized by mutual respect, empathy, and collaboration.
 - Creates a climate of patient-centered care to include confidentiality, privacy, comfort, emotional support, mutual trust, and respect.
 - Incorporates the patient's cultural and spiritual preferences, values, and beliefs into health care.
 - Preserves the patient's control over decision making by negotiating a mutually acceptable plan of care.

Required

Text(s):

Beckmann, C. R., Ling, F. W., Herbert, W. N., Laube, D. W., Smith, R. P., Casanova, R., Chuang, A.,

Goepfert, A. R., Hueppchen, N.A., & Weiss, P. M. (2013). *Obestetrics and gynecology* (7th ed.).

Philadelphia: Lippencott, Williams, & Wilkens. ISBN-10: 9781451144314 | ISBN-13: 978-

1451144314

Burns, C. E., Barber, N. Brady, M. A., & Dunn, M. A. (2012). *Pediatric primary care: A handbook for nurse practitioners* (5th ed.). Philadelphia: W.B. Saunders. ISBN-10: 0323080243 | ISBN-13: 978-

0323080248

Burns, C. E., Richardson, B., & Brady, M. A. (2010). *Pediatric primary care case studies*. Sudbury, MA:

Jones & Bartlett. ISBN-10: 0763761362 | ISBN-13: 978-0763761363

Richardson B. (2011). *Pediatric primary care* (2nd ed.). Sudbury, MA: Jones & Bartlett. ISBN-10

1449600433

Recommended

Texts

American Psychological Association (2009). *Publication manual of the American Psychological Association*

(6th ed.). Washington, DC: American Psychological Association. ISBN: 978-1-4338-0561-5

Augustyn, M.C., Zuckerman, B. Caronna, E.B. eds (2011). *Zuckerman Parker Developmental and*

Behavioral Pediatrics for Primary Care (3rd ed.). Philadelphia, PA: Lippincott, Williams & Wilkins.

ISBN-10: 1608319148 | ISBN-13: 978-1608319145

Custer J.W. & Rau R.E. (2011). *The Harriet Lane Handbook* (19th ed.). Philadelphia, PA: Mosby Elsevier.

ISBN 0323-079423

Dixon, S. D., Stein, M. T. (2006) *Encounters with Children: Pediatric Behavior and Development*, (4th ed.).

St. Louis, MO: Mosby. Retrieved from <http://us.elsevierhealth.com/product.jsp>

Duderstadt, K. (2006). *Pediatric physical examination*. St. Louis: CV Mosby.

Hacker, D. & Sommers, N. (2010). *A Writer's Reference* (7th ed.). ISBN-13: 978-0-312-60143-0

Lawrence, R. A., Lawrence, R. M. (2005). *Breastfeeding: A guide for the medical profession* (6th ed.). St.

Louis: Mosby-Year Book.

National Asthma Education and Prevention Program (2007). *Expert Panel Report: Guidelines for the*

Diagnosis and Management of Asthma. Washington, DC: National Institutes of Health.

Neinstein, L. S, ed. (2008). *Adolescent Health Care: A Practical Guide* (5th ed.) Philadelphia, PA:

Lippincott William and Wilkins.

Pickering, L. K., Baker, C.J., Kimberlin, D.W., & Long, S.S. (Ed). (2012). *Red Book: Report of the*

committee on infectious diseases (29th ed.). Elk Grove, Ill: American Academy of Pediatrics. ISBN

978-1581103069. (This is the AAP book on infectious disease, a gold standard. Subscribe online at <http://aapredbook.aappublications.org>)

Wright, L. M. & Leahey, M. (2009). *Nurses and Families: A Guide to Family Assessment and Intervention* (5th ed.). Philadelphia, Pa: FA Davis Co.

Zitelli, B. J., Davis, H.W., eds. (2007). *Color atlas of pediatric physical diagnosis* (5th ed.). St. Louis: Mosby, Inc.

APA resources: Retrieved from <http://owl.english.purdue.edu/owl/resource/560/01/>

Other

Reading: Required on-line resources

American Academy of Pediatrics and American Academy of Family Physicians Subcommittee on

Management of Acute Otitis Media (2004). Clinical practice guideline: Diagnosis and Management of acute otitis media. *Pediatrics*, 113(5). Retrieved from

<http://www.aafp.org/online/en/home/clinical/clinicalrecs/aom.html>

American Academy of Pediatrics Subcommittee on Hyperbilirubinemia (2013). Clinical practice guideline: Management of hyperbilirubinemia in the newborn infant 35 or more weeks of gestation . *Pediatrics*, 94 (4),558. Retrieved from <http://pediatrics.aappublications.org/content/114/1/297.full>

American Diabetes Association (2012). Clinical practice recommendations. *Diabetes Care*.35:S1-S110.

Retrieved from http://care.diabetesjournals.org/content/35/Supplement_1

Bright Futures. Recommendation for pediatric preventative health care. Retrieved from

http://brightfutures.aap.org/pdfs/Guidelines_PDF/20-Appendices_PeriodicitySchedule.pdf

Centers for Disease Control and Prevention (2003). Managing acute gastroenteritis among children: Oral rehydration, maintenance, and nutritional therapy. *MMWR* (RR-16):1-16. Retrieved from

<http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5216a1.htm>

Centers for Disease Control and Prevention (2013) Recommended immunization schedules for persons aged

0-18 yrs – United States. 2013. Retrieved from <http://www.cdc.gov/vaccines/spec-grps/default.htm>

and <http://www.cdc.gov/vaccines/parents/infants-toddlers.html>

- Centers for Disease Control and Prevention (2010, December). Sexually transmitted diseases treatment guidelines, 2010. *MMRW*, 59, 1-110. Retrieved from <http://www.cdc.gov/std/treatment/2010/STD-Treatment-2010-RR5912.pdf>
- Hagan, J. F., Shaw, J. S., Duncan, P. (Ed.). (2008). Bright Futures guidelines for health supervision of infants, children, and adolescents. *American Academy of Pediatrics*. Retrieved from https://www.nfaap.org/netforum/eweb/dynamicpage.aspx?site=nf.aap.org&webcode=aapbks_productdetail&key=68eca6db-7d0d-4ffd-b264-a334b9876ea6
- Guidelines for promoting mental Health. *American Academy of Pediatrics*. Retrieved from http://brightfutures.aap.org/pdfs/Guidelines_PDF/4-Promoting_Mental_Health.pdf
- Pocket Guide. Retrieved from http://brightfutures.aap.org/3rd_Edition_Guidelines_and_Pocket_Guide.html
- Joint National Committee on Prevention, Detection, Evaluation, and Treatment of High Blood Pressure (2004). *7th Report of the JNC*. Washington, DC: National Institutes of Health, 2004.
- U.S. Preventive Services Task Force (2008). Universal screening for hearing loss in newborns: U.S. Preventive Services Task Force recommendation statement. *Pediatrics*, 122,143-148. Retrieved from <http://www.uspreventiveservicestaskforce.org/uspstf08/newbornhear/newbhearrs.htm>